

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 836902 | CRC same stor\$4 (first and second or old and new) same crc ner4 byte same memory buffer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 15:25 |
| L2    | 810662 | CRC same stor\$4 (first and second or old and new) same crc near4 byte same memory buffer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 15:26 |
| L3    | 7393   | CRC same stor\$4 (first and second or old and new) same crc near4 byte same memory near4 buffer                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 15:26 |
| L4    | 7      | CRC same stor\$4 same (first and second or old and new) same crc near4 byte same memory near4 buffer                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 15:47 |
| L5    | 7      | CRC same stor\$4 same (first and second or old and new) same (cyclic adj reduNDAN\$4 OR crc) near4 byte same memory near4 buffer | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 15:51 |
| S1    | 2      | "6467060".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 08:57 |
| S2    | 1      | S1 and (CRC or cycl\$4 adj redundan\$4 adj check) same (LBA or logic adj block adj address) same sector                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 09:01 |
| S3    | 1      | S2 and address   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 09:01 |
| S4    | 0      | S3 and (first or second) same 'XOR'  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 09:02 |
| S5    | 1      | S3 and 'XOR'   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/04 09:12 |

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| S6  | 0     | S3 and 'XOR' SAME GATE   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:02 |
| S7  | 1     | S5 AND BLOCK   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:03 |
| S8  | 1     | S5 AND BLOCK SAME ADDRESS                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:04 |
| S9  | 23032 | 'XOR'  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:12 |
| S10 | 546   | S9 and (first and second) same (LBA or logic\$4 near4 address) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:14 |
| S11 | 277   | S10 and (disk or disc)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:14 |
| S12 | 87    | S11 and error near4 correction                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:14 |
| S13 | 23    | S12 and LBA  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:14 |
| S14 | 15    | S13 and CRC  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:22 |
| S15 | 15    | S14 and (corrum\$4 or error or defect\$4)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:23 |

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| S16 | 15 | S15 and CRC  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 09:30 |
| S17 | 2  | S16 and Galois   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 10:15 |
| S18 | 5  | S12 and Galois   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 10:26 |
| S19 | 10 | S16 and (assign\$4 or reassign\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:05 |
| S20 | 1  | S1 and memory  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:05 |
| S21 | 1  | S20 and buffer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:24 |
| S22 | 0  | crc same (old and new) near5 (crc or cyclic near4 redundancy) same memory same 'XOR' | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:29 |
| S23 | 99 | crc same (crc or cyclic near4 redundancy) same memory same 'XOR'                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:27 |
| S24 | 88 | S23 AND ERROR  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:27 |
| S25 | 2  | S24 AND crc SAME lba   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:27 |

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| S26 | 1  | crc same old near5 (crc or cyclic near4 redundancy) same memory same 'XOR' | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:31 |
| S27 | 41 | crc same STOR\$4 SAME old near5 (crc or cyclic near4 redundancy)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:32 |
| S28 | 26 | crc same STOR\$4 SAME (old AND NEW) near5 (crc or cyclic near4 redundancy) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:32 |
| S29 | 23 | S28 AND ERROR  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:41 |
| S30 | 26 | old near4 LBA  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:41 |
| S31 | 19 | S30 and new near4 LBA  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:42 |
| S32 | 18 | S31 and storage  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:42 |
| S33 | 17 | S32 and error  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:48 |
| S34 | 2  | S33 and crc  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:43 |
| S35 | 1  | S1 and (CRC same sector same byte)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:51 |

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| S36 | 0 | S1 and control\$5 same head     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:52 |
| S37 | 4 | S1 and control\$5 "5805799".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:53 |
| S38 | 2 | "5805799".pn.                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:53 |
| S39 | 1 | S38 and control\$4 same head    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 11:57 |
| S40 | 1 | S38 and writ\$4 same disk       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 12:02 |
| S41 | 2 | S1 and disk                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/04 15:23 |